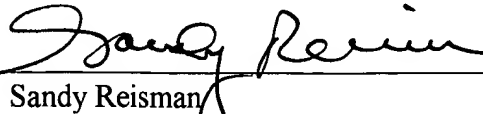




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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Edward Balassanian and David S. Wolf
Application : 09/304,973 Confirmation No. 1456
Filed : May 4, 1999
For : METHOD AND SYSTEM FOR GENERATING A MAPPING
BETWEEN TYPES OF DATA

Docket No. : 29451-8004US
Date : August 14, 2001

Commissioner for Patents
Washington, DC 20231

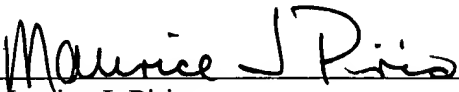
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Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO/SB/08A (copies of the cited references, as required under 37 C.F.R. § 1.98, are enclosed). Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information of which they are aware that is believed relevant to the patentability of the above-identified application, applicants believe that their invention is patentable. As to any document supplied, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to antedate any such document, as by a showing under 35 C.F.R. § 1.131 or other method.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,
Perkins Coie LLP



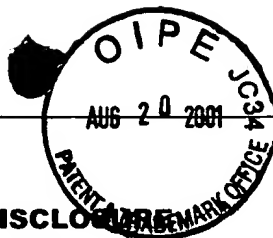
Maurice J. Pirio
Registration No. 33,273

MJP:SBR

Enclosures:
Form PTO/SB/08A
Cited References (18)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/304,973
				Confirmation Number	1456
				Filing Date	May 4, 1999
				First Named Inventor	Edward Balassanian
				Group Art Unit	2151
Sheet	1	of	1	Examiner Name	
				Attorney Docket No.	29451-8004US

U.S. PATENT DOCUMENTS					
EXAMINER INITIALS	Cite No.	U.S. Patent Document NUMBER Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	AC	Amir, E. et al., "An Active Service Framework and its Application to Real-time Multimedia Transcoding", Proc. of the SIGCOMM '98, University of California at Berkeley, August 1998, pp. 1-12				✓
	AD	Campbell, A. T. et al., "A Survey of Programmable Networks", ACM SIGCOMM Computer Communication Review, Columbia University, April 1999, 18 pages				✓
	AE	Czerwinski, S. E. et al., "An Architecture for a Secure Service Discovery Service", Fifth Annual International Conference on Mobile Computing and Networks, University of California at Berkeley, August 1999, 12 pages				✓
	AF	Fox, A. et al., "Adapting to Network and Client Variation Using Infrastructural Proxies: Lessons and Perspectives", IEEE Personal Communication, University of California at Berkeley, August 1998, 15 pages				✓
	AG	Fox, A. et al., "Cluster-based Scalable Network Services", Proc. of the 16 th ACM Symp. on Operating Systems Principles, University of California at Berkeley, October 1997, 14 pages				✓
	AH	Gribble, S. D. et al., "The MultiSpace: an Evolutionary Platform for Infrastructural Services", Proc. of the 1999 Usenix Annual Technical Conf., University of California at Berkeley, June 1999, 14 pages				✓
	AI	Gribble, S. D. et al., "The Ninja Architecture for Robust Internet-Scale Systems and Services", University of California at Berkeley, http://ninja.cs.berkeley.edu, accessed August 2, 2001, 18 pages				✓
	AJ	Joseph, A. D. et al., "Mobile Computing with the Rover Toolkit", IEEE Transaction on Computers: Special Issue on Mobile Computing, 46(3), Cambridge, MA, March 1997, pp. 1-24				✓
	AK	Kiciman, E. et al., "Using Dynamic Mediation to Integrate COTS Entities in a Ubiquitous Computing Environment", Proc. of the 2 nd Handheld and Ubiquitous Computing Conference (HUC '00), Stanford University, March 2000, 16 pages				✓
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	AM	Mohan, R. et al., "Adapting Multimedia Internet Content for Universal Access", IEEE Transactions on Multimedia, 1(1):104-114, New York, NY, March 1999, pp. 1-35				✓
	AN	Nakao, A. et al., "Constructing End-to-End Paths for Playing Media Objects", Proc. of the OpenArch '2001, Princeton University, March 2001, 12 pages				✓
	AO	Noble, Brian D., "Mobile Data Access", PhD Thesis, School of Computer Science, Carnegie Mellon University, Pittsburgh, PA, 1998, pp. 1-151				✓
	AP	Reiher, P., et al., "Automated Planning for Open Architectures", Proc. of OperArch '2000, Los Angeles, CA, March 2000, 4 pages				✓
	AQ	Sudame, P. et al., "Transformer Tunnels: A Framework for Providing Route-Specific Adaptions", Proc. of the USENIX Technical Conf., Rutgers University, Piscataway, NY, June 1998, 10 pages				✓
	AR	Tennenhouse, D. et al., "Towards an Active Network Architecture", Computer Communications Review, MIT, April 1996, 14 pages				✓
	AS	Wethrall, D. J. et al., "ANTS: A Toolkit for Building and Dynamically Deploying Network Protocols", Proc. of 2 nd IEEE OPENARCH, MIT, 1998, pp. 1-12				✓
	AT	Yavis, M. et al., "Conductor: A Framework for Distributed Adaptation", Proc. of the Seventh Workshop on Hot Topics in Operating Systems, UCLA, March 1999, 6 pages				✓

EXAMINER	DATE CONSIDERED
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).	